

**JAN2N5684 Information**


For Reference Only

**Part Number** [JAN2N5684](#)  
**Manufacturer** Microsemi Corporation  
**Category** Discrete Semiconductor Products  
[Transistors - Bipolar \(BJT\) - Single](#)  
**Description** TRANS NPN 80V 50A TO-3  
**Package** TO-204AA, TO-3  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)



[Request a Quote](#)

**Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


**JAN2N5684 Specifications**

Manufacturer Part Number	<a href="#">JAN2N5684</a>
Manufacturer	Microsemi Corporation
Category	Discrete Semiconductor Products <a href="#">Transistors - Bipolar (BJT) - Single</a>
Package	TO-204AA, TO-3
Series	Military, MIL-PRF-19500/466
Transistor Type	NPN
Current - Collector (Ic) (Max)	50A
Voltage - Collector Emitter Breakdown (Max)	80V
Vce Saturation (Max) @ Ib, Ic	5V @ 10A, 50A
Current - Collector Cutoff (Max)	5µA
DC Current Gain (hFE) (Min) @ Ic, Vce	30 @ 5A, 2V
Power - Max	300W
Frequency - Transition	-
Operating Temperature	-65°C ~ 200°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-204AA, TO-3
Supplier Device Package	TO-3 (TO-204AA)

[Report errors?](#)

## JAN2N5684 Guarantees



### Quality Guarantees

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



### Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## JAN2N5684 Payment Methods



## JAN2N5684 Shipping Methods



If you have any question about JAN2N5684, please do not hesitate to contact us!

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